

## EDUCATION

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**The University of Texas at Austin**, Austin, TX Expected December 2017  
*Bachelor of Science in Computer Science*  
GPA 3.57  
*Bachelor of Science in Biochemistry*  
GPA 3.41  
*Business Foundations Certificate, McCombs School of Business*  
Current Relevant Coursework: Algorithms and Complexity, Programming for Correctness and Performance, Operating Systems, Data Structures

## EXPERIENCE

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**Macys.com**, San Francisco, California June 2016 – August 2016  
*Software Engineering Intern*  
Technical Operations – Systems Integration

- Wrote Ruby scripts to extract test data from Macy's mainframe
- Worked with Macy's Systems Technology team to link credit card testing data to loyalty testing data  
Used: Ruby, WSDL, SOAP, SoapUI

Macy's Lean Lab

- Created prototype of virtual makeup platform for the Macy's app resulting in a 50% decrease clicks for similar customer usage flows
- Integrated vendor provided Augmented Reality virtual makeup solution with Macy's iOS app
- Used: Swift, Git

## PROJECTS

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**TACC – Zika Hackathon** August 2016

- Designed a pipeline that took advantage of high performance computing to test the probability that a drug would be effective against the Zika virus
- Integrated with Autodock Vina to simulate protein – ligand binding

**PintOS** January 2016 – May 2016

- Expanded the functionality of a toy operating system using C
- Updated the OS to include priority scheduling, argument passing on the stack, system calls for user programs, and a virtual memory
- Updated the existing single-thread file system into an multi-threaded file system

## SKILLS

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**Proficient:** Java, C  
**Exposure:** Python, R, Ruby, Swift, HTML/CSS, bootstrap, Git, vim

## ACTIVITIES & LEADERSHIP

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**Texas Lambda Alpha Nu** current academic year  
*Vice President of Service Activities*

- Coordinate weekly volunteering with CoderDojo, an organization working to teach kids how to code
- Promote computer science education through volunteering at science nights and science fairs

**Texas Triathlon** 2014 - 2015  
*Social Chair*

- Organized social and bonding events for 30+ people
- Helped plan and coordinate volunteers for a student run triathlon race for over 200 participants